

1/2

Guignardia citricarpa - Pathogenic

CITRUS 2-3

SSU

TTTCCGTAGGTGAACCTGCGGAAGGATCATTACTGAAATACGTAATCCTGAAAGG
TGATGGAAGGGAGGCCTTAAAAAAGCCGCCGACCTACCTTCACACCCTGTGT
ATCTACCATGTTGCTTGGCGGGCCGACCCGGTTTGACCCGGCGGTGGCG
CCCCCAGCCTAGTCTCTAGGCCAGGACGCCTGGCTAAGTGCCGCCAGTATACA
AAACTCCAGCGATTATTCTGTGTAGTCCTGAGAATTCAATTAAATGAAATAAAACTTT
CAACAAACGGATCTCTGGTCTGGCATCGATGAAGAACGCAGCGAAATGCGATA
AGTAATGTGAATTGCAAGATTCACTGAATCATCGAATCTTGAACGCACATTGCGC
CCCCTGGCATTCCCCGGGGCATGCCCTGTTGAGCGTCATTCAACCCCTCAAGCT
CTGCTTGGTATTGGGCGACGTCCGCTGCCGGACGCGCCTGGAAGACCTCGGCG
ACGGCGTCTCAGCCTCGAGCGTAGTAGTAAAATATCTCGCTTGGAGGGAGGGGG
GCGCTGGCCGCCGGACAATCGACCTTCGGTCACTATTTTCCAAGGTTGACCTC
GGATCAGGTAGGGATAACCGCTGAACCTAAGCATATCAATAAG

ITS1

5.8S

ITS2

LSU

Figure 1

2/2

Guignardia citricarpa - Non-pathogenic

CITRUS 1-4

SSU

TTCCGTAGGTGAACCTGCGGAAGGATCATTACTGAAATGTAATAACTTCTATTGAA
AGGTTCCAGAGTAGGGCGCTACAACGCCAATGACCTTCTCACCCCTGTGTACTC ITS1
ACTATGTTGCTTGGCGGGTCGACCTGGTCCGACCCAGGCAGGCCGGCGCCCC
CAGCCTTAACTGGCCAGGACGCCGGCTAAGTGCCCAGTATAACAAACTCA
AGAATTCACTTGATATCATTTAATTGATTAAAACCTTCAACAAAC
GGATCTCTGGTTCTGGCATCGATGAAGAACGCGAGCGAAATGCGATAAGTAATGT 5.8S
GAATTGCAGAATTCACTGAGTGAATCATCGAATCTTGAAACGCACATTGCGCCCTCTGG
TATTCCGGAGGGCATGCCTGTTGAGCGTCATTCAACCCCTCAAGCTCTGCTTGG ITS2
TATTGGGCAACGTCCGCTGCCGGACGTGCGCTTGAAGACCTGGCGACGGCGTC
CTAGCCTCGAGCGTAGTAGTAAATATCTCGCTTGGAGTGCTGGCGACGGCC
GCCGGACAATCGACCTCGGTCTATTCCAAGGTGACCTCGGATCAGGTAGG
GATAACCCGCTGAACCTT

Figure 2